

Access DB# 122878 ✓

# SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Dwayne Bos Examiner #: 68951 Date: 5/24/04  
Art Unit: 2600 Phone Number 30: \_\_\_\_\_ Serial Number: 101802118  
Mail Box Location: PK2 Y A37 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

US 5,923,450

\*\*\*\*\*  
**STAFF USE ONLY**

Searcher: KEJ

Searcher Phone #: \_\_\_\_\_

Searcher Location: \_\_\_\_\_

Date Searcher Picked Up: 5/24-04

Date Completed: 5/24 M

Searcher Prep & Review Time: \_\_\_\_\_

Clerical Prep Time: \_\_\_\_\_

Online Time: 20

**Type of Search**

NA Sequence (#) \_\_\_\_\_

AA Sequence (#) \_\_\_\_\_

Structure (#) \_\_\_\_\_

Bibliographic \_\_\_\_\_

Litigation X

Fulltext \_\_\_\_\_

Patent Family \_\_\_\_\_

Other \_\_\_\_\_

**Vendors and cost where applicable**

STN \_\_\_\_\_

Dialog

Questel/Orbit

Dr. Link

Lexis/Nexis

Sequence Systems \_\_\_\_\_


WWW/Internet \_\_\_\_\_

Other (specify) \_\_\_\_\_

Query/Command : prt max legalall


---

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

**PN** -  US5923450 A 19990713 [US5923450]  
**TI** - (A) Optical channel regulator and method  
**PA** - (A) ALCATEL NETWORK SYST (US)  
**PA0** - Alcatel Network Systems, Inc.  
**IN** - (A) DUGAN J MICHAEL (US); MAXHAM KENNETH Y (US)  
**AP** - US16422498 19980930 [1998US-0164224]  
**PR** - US16422498 19980930 [1998US-0164224]  
**IC** - (A) H04J-014/02  
**EC** - H04B-010/17B1  
H04B-010/18E  
**PCL** - ORIGINAL (O) : 398095000; CROSS-REFERENCE (X) : 385140000  
398082000 398094000  
**DT** - Basic  
**CT** - US5392154; US5557439; US5815299; EP0637148 A1; EP0762677 A2;  
GB2294170  
**STG** - (A) United States patent  
**AB** - An optical channel regulator (46) is provided. The optical channel regulator (46) includes a tapped optical coupler (60) receiving an optical line carrying an optical signal. The tapped optical coupler (60) provides substantially all of the optical signal as an output. An electrically variable optical attenuator (64) receives the output of the tapped optical coupler (60) and attenuates the optical signal responsive to a feedback control signal. A second tapped optical coupler (66) receives an output of the attenuator (64). The second coupler (66) provides substantially all of the received optical signal as an output and provides a remaining portion of the optical signal as a tapped output. An optical detector (68) then receives the tapped output and provides an output signal representing the optical signal. A comparator (70) receives the output signal of the optical detector (68) and a reference signal. The comparator (70) compares the output signal and the reference signal and provides the feedback control signal to the attenuator (64) responsive to the comparison. As part of a multi-channel communication system, the regulator is used to adjust the levels of each channel for automatically maintaining channel balance and equalization.

---

1 / 1 CRXX - ©CLAIMS/RRX

**PN** -  5,923,450 A 19990713 [US5923450]  
**PA** - Alcatel Network Systems Inc  
**ACT** -  
20040309 REASSIGNED  
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: ALCATEL NETWORK SYSTEMS, INC., DATE SIGNED:  
03/09/2004

Assignee: ALCATEL, 54, RUE LA BOETIE, PARIS, FRANCE, 75008

Reel 014409/Frame 0132

Contact: ALCATEL, JESSICA W. SMITH, 3400 W. PLANO PARKWAY, MS  
LEGL2, INTELLECTUAL PROPERTY DEPARTMENT, PLANO, TX 75075

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5923450

<=1> GET 1st DRAWING SHEET OF 3

July 13, 1999

Optical channel regulator and method

APPL-NO: 164224 (09)

FILED-DATE: September 30, 1998

GRANTED-DATE: July 13, 1999

CORE TERMS: optical, channel, attenuator, amplifier, regulator, tapped, microprocessor, multiplexer, detector, coupler ...

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: ALL**

5,923,450 OR 5923450<sup>7</sup>

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: CASES**

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5,923,450 OR 5923450 7

**LEXIS-NEXIS**  
**Library: PATENT**  
**File: JNLS**

Your search request has found no ITEMS.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 OF 1 STORY

Copyright 2004 Micromedia Limited  
Canadian Business and Current Affairs  
Copyright 2004 Canadian Press  
Canadian Press Newswire

LEXIS-NEXIS  
Library: NEWS  
File: CURNWS

January 29, 2004

SECTION: Ja 29'04

CBCA-ACC-NO: 5923450

LENGTH: 244 words

HEADLINE: N.B. man given three-year prison term after boy and mother injured in  
fire

? s pn=us 5923450  
S1 1 PN=US 5923450  
? t 1/39/1

1/39/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat  
(c) 2004 EPO. All rts. reserv.

15229123

Basic Patent (No,Kind,Date): US 5923450 A 19990713 <No. of Patents: 002>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date	
US 5923450	A	19990713	US 164224	A	19980930	(BASIC)
US 6157475	A	20001205	US 212972	A	19981216	

Priority Data (No,Kind,Date):

US 164224 A 19980930  
US 212972 A 19981216  
US 164224 A1 19980930

PATENT FAMILY:

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5923450 A 19990713  
OPTICAL CHANNEL REGULATOR AND METHOD (English)  
Patent Assignee: ALCATEL NETWORK SYST (US)  
Author (Inventor): DUGAN J MICHAEL (US); MAXHAM KENNETH Y (US)  
Priority (No,Kind,Date): US 164224 A 19980930  
Applic (No,Kind,Date): US 164224 A 19980930  
National Class: \* 359127000; 359161000; 359187000; 385140000  
IPC: \* H04J-014/02  
Derwent WPI Acc No: \* G 99-467633; G 99-467633  
Language of Document: English  
Patent (No,Kind,Date): US 6157475 A 20001205  
OPTICAL CHANNEL REGULATOR AND METHOD (English)  
Patent Assignee: CIT ALCATEL (US)  
Author (Inventor): DUGAN J MICHAEL (US); MAXHAM KENNETH Y (US)  
Priority (No,Kind,Date): US 212972 A 19981216; US 164224 A1 19980930  
Applic (No,Kind,Date): US 212972 A 19981216  
National Class: \* 359110000; 359124000; 359187000; 385140000  
IPC: \* H04B-010/08  
Derwent WPI Acc No: ; G 01-217446  
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5923450	P	19980930	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 164224 A	19980930
US 5923450	P	19990713	US A	PATENT
US 6157475	P	19980930	US AA	PRIORITY
			US 164224 A1	19980930
US 6157475	P	19981216	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 212972 A	19981216
US 6157475	P	20001205	US A	PATENT